

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2005/002128A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N27/414 G01N33/487

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 38 35 339 A1 (FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG EV, 8) 27 April 1989 (1989-04-27) column 2, lines 15-44; claims 1,4; figures 1,3	1-10
A	STETT A ET AL: "TWO-WAY SILICON-NEURON INTERFACE BY ELECTRICAL INDUCTION" PHYSICAL REVIEW E. STATISTICAL PHYSICS, PLASMAS, FLUIDS, AND RELATED INTERDISCIPLINARY TOPICS, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, NY, US, vol. 55, no. 2, February 1997 (1997-02), pages 1779-1782, XP000913528 ISSN: 1063-651X abstract; figure 1	1-11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

7 July 2005

Date of mailing of the international search report

20/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KRAUSE M ET AL: "Extended gate electrode arrays for extracellular signal recordings" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 70, no. 1-3, 1 November 2000 (2000-11-01), pages 101-107, XP004224587 ISSN: 0925-4005 abstract; figure 4	1-11
A	BAUMANN W H ET AL: "Microelectronic sensor system for microphysiological application on living cells" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 55, no. 1, 25 April 1999 (1999-04-25), pages 77-89, XP004175066 ISSN: 0925-4005 abstract; figures 7,20	1-11

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Information on patent family members

International Application No

PCT/EP2005/002128

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 3835339	A1	27-04-1989	NONE